Public Works (1901) Department.

~~RAILWAYS~~.

G.O., No. 154-I.

DATED 17-5-1901.

The Notes
in this G.O. have been printed.

[Despatch Abstract.]

Vellacondasamudram Tank and Channel, Dindigul Taluk, Madura Dt

An estimate, amounting to Rs. 5,360 for repairing and improving the ———, sanctioned.

Registered as No. 13-I

Indexed.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department	Date.	G.O.	No.	Department	Date.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd.	1911.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 154 I., 17th May 1911.

Vellacondasamudram tank and channel, Dindigul taluk, Madura district

An estimate, amounting to Rs. 5,360, for repairing and improving the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

Account.

READ—the following papers :—

I

Letter—from C. MILDRED, Esq., A.M.I.C.E., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 28th February 1911.
No.—276-C.E.

I have the honour to inform you that in July 1909 an estimate, amounting to Rs. 3,570, for repairing No. 39 Vellacondasamudram tank and channel in the Dindigul taluk, was sanctioned for execution by the Superintending Engineer. In this estimate, a sum of Rs. 563 was provided, among others, for prickly-pear clearance and this was allowed to stand with the remark that the clearance should be done by kudimaramath with the assistance of the Revenue Department. The Revenue Department, however, found that the ryots could not be made to undertake the clearance, but received from the interested ryots a sum of Rs. 520 at the rate of Rs. 2 per acre as contribution. Owing to length of time which elapsed between the date of sanction and the date of commencement of the work, further clearance was found necessary. For this and other reasons detailed in the report and comparative statements, a revised estimate, amounting to Rs. 5,360, has been forwarded by the Executive Engineer, Madura division, and this, I submit for your sanction under G.O., No. 10 W., dated 12th January 1903.

2. In this connection, I have the honour to request you to be so good as to let me know whether Superintending Engineers are empowered to sanction contribution works (whether part contribution or full contribution) under the enhanced powers conferred on them in G.O., No. 35 W., dated 16th January 1911.

ENCLOSURE.

Report to accompany the Revised estimate for the repairs to No. 39 Vellacondasamudram tank anicut and channel.

Amount of estimate—	RS.
Original	3,570
Revised	5,360

Revetment.—The original estimate provides for revetment—repacking with old stones—to the level of M.W.L. The length of revetment is 2,600 feet from chainage 2,500 to 5,100 and this portion is the deep portion of the tank. The old stones were unearthed and repacked and the quantity available was found to be only 8,631 cubic feet against 23,400 cubic feet provided in the estimate—*vide* levels and calculation sheet. The balance is to be new stone as shown in the calculation sheet. The raising of revetment to M.W.L. is very necessary.

2. The rate allowed for removing and repacking the old stone in the original estimate is Rs. 2. This being too low for the purpose, a rate of Rs. 2-8-0 is provided in the revised estimate, as the old stones were almost completely buried in the bed.

3. In the original estimate no provision is made for excavating foundations, trimming slopes and refilling, etc. In the revised estimate provision is made for this item.

4. *Gravelling the top of bund.*—In the original estimate provision is made for gravelling the top of bund from 2,000 to 4,000 feet, leaving 1,000 feet in the right flank where soil is clayey. This portion also is in need of gravelling and so additional provision is made in the revised estimate.

5. *Repairs to sluice.*—In the original estimate a lump sum provision of Rs 40 is made for repairing the sluice by cutting open the bank, etc. The provision is not sufficient even for cutting open the bund and the sluice is damaged beyond repairs. A new sluice may be constructed under a separate estimate and this item therefore appears as a saving in the revised estimate.

6. *Supply channel clearance—Clearing silt.*—The original estimate provides for clearing silt for a distance of 7,000 feet from the head. If the clearance is not continued on for 1,000 feet more, there will be no free discharge and the channel will get silted up again by the first freshes alone. Therefore the necessary provision is made in the revised estimate for continuing the clearance for 1,000 feet more. Depth of clearance averages 2·49 feet.

7. *Prickly-pear clearance.*—In the original estimate a provision of Rs. 563 was made for the removal of prickly-pear. This estimate was prepared four or five years ago and by the time the estimate was sent for execution, the prickly-pear had covered the banks and bed of the channel necessitating in their removal an expenditure of Rs. 1,337. The matter was reported to the Executive Engineer and his final orders to explain the excess in the completion report was obtained in his No. 1565 of 17th June 1910. There is however a small further removal necessary in connection with the extra silt clearance of channel from 7,000 to 8,000 feet, the cost of which is included in the revised estimate along with Rs. 1,337. The ayacut under the tank is 260 acres and the contribution to be recovered from the ryots is Rs. 520—*vide* Revenue Divisional Officer's Dis. No. 438-Rev., dated 17th February 1910. The other items are unaltered.

8. This revised estimate is prepared as per Executive Engineer's orders in his No. 2489, dated 8th September 1910.

The balance of work has been ordered to be put in execution as per instructions of the Executive Engineer on the ten-day-progress report of the Sub-Divisional Officer.

Early sanction to the revised estimate is solicited.

DINDIGUL,
31st October 1910.

M. RAMAKRISHNA AIYAR,
Sub-Divisional Officer.

J. M. M. PARKER,
Executive Engineer, Madura Division.

II

Note by the Chief Engineer for Irrigation R.O.C. No. 630/11, dated 27th April 1911.

With his letter No. 276-C.E., dated 28th February 1911, the Superintending Engineer, VI Circle, submits a revised estimate, amounting to Rs. 5,360, for repairing and improving No. 39 Vellacondasamudram tank and channel, a minor work in charge of Public Works Department, in Dindigul taluk, Madura district. It is stated that an estimate for Rs. 3,570 for the work was sanctioned by the Superintending Engineer himself in July 1909 and the work was put in hand. It is further stated that, although a provision of Rs. 563 for clearing prickly-pear in the channel was allowed in the above estimate, the Superintending Engineer pointed out that the clearance of prickly-pear ought to be done by the kudimaramuth labour with the help of the Revenue Department. It was however found that the ryots could not be made to undertake the clearance but a contribution, amounting to Rs. 520, was received by the Revenue Department from the interested ryots towards carrying out the work. In the actual execution of the work further clearance was found necessary as the prickly-pear has spread considerably during the period which elapsed between the date of preparation of estimate and the date of execution of the work. Owing to this and some other items, in the tank bund and supply channel, noted below, the submission of a revised estimate is found necessary. The provision in the original and revised estimates compares as follows :—

Particulars of items.	Original estimate.	Revised estimate.	Difference.
	RS.	RS.	RS.
1. Repairing tank bund and repacking revetment	1,170	2,037	+ 867
2. Constructing a new sluice in lieu of the old ruined sluices Nos. 3 and 4.	750	750	..
3. Clearing supply channel	1,418	2,311	+ 893
4. Repairing sluice No. 1 in the tank	40		— 40
5. Repairing anicut	25	25	..
6. Contingencies and supervision charges	167	237	+ 70
	3,570	5,360	1,790

Item No. 1.—The excess is chiefly due to the necessity of procuring new stones for revetment as the quantity of old stones when actually removed was found to be far short of what was originally estimated, and partly to earthwork excavation and filling in for the foundations to revetment, etc., for which no provision was made in the original estimate.

Item No. 3.—The excess is mainly due to the clearance of prickly-pear which exceeded greatly the quantity originally allowed, and partly to the clearing of silt in the channel for an extra length of 1,000 feet found necessary during execution.

Item No. 4.—It is stated that the lump sum of Rs. 40 allowed in the original estimate for repairing sluice No. 1 in the tank is quite insufficient and that, as the sluice is damaged beyond repairs, it will be rebuilt under a separate estimate.

The estimate is recommended for sanction.

H. E. CLERK,
Ag. Chief Engineer for Irrigation.

To the Joint Secretary to Government,
with the connected papers in original.

Order—No. 154 I., dated 17th May 1911.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 3,570 sanctioned by the Superintending Engineer in his Circle Register No. 91 of 1909–1910 :—

Provincial.
Irrigation.
43. Minor Works and Navigation.
Class IV. Minor Works for which neither Capital nor Revenue Accounts are kept.
(*a*) In charge of the Public Works Department.
Madura Division.
Special Repairs.
Repairing and improving No. 39 Vellacondasamudram tank and channel, Dindigul taluk.

	RS.
Estimate	5,360

2. This sanction is registered as No. 13 I. of 1911–12.

3. It is presumed that the contribution of Rs. 520 stated to have been received by the local Revenue officers from the interested ryots has since been credited to the Public Works Department. If not the Superintending Engineer will see that this is now done.

The proposal to debit to Government a portion (Rs. 836) of the cost of removing prickly-pear which is ordinarily done by kudimaramath is approved as a special case with reference to paragraph 6 of Board's Standing Order No. 86.

4. With reference to paragraph 2 of his letter read above, the Superintending Engineer will be informed that G.O., No. 35 W., dated 16th January 1911, does not apply to irrigation works.

(True Extract.)

H. E. CLERK,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle,
with plans and estimates.
,, Accountant-General, Madras.

Forwarded to the

(By Order.)

Deputy Registrar.

PUBLIC WORKS DEPARTMENT.
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O., No. 154 I., DATED 17TH MAY 1911.

[SUBJECT.—*Revised estimate of Rs.* 5,360 *for repairing and improving No.* 39, *Vellakondasamudram tank and channel, Dindigul taluk, Madura district.*]

Note by the Chief Engineer for Irrigation, dated 27th April 1911, *R.O.C. No.* 630/11.

Under Secretary—

A draft order sanctioning the estimate is submitted and may, if approved, be circulated to His Excellency the Governor.

T.S.R.
24-4-11.

M.S.V.
24-4-11.

Joint Secretary—

C. PEDDIE.
24-4-11.

Paragraph 3 of order as drafted is quite wrong. The estimate originally sanctioned by the Superintending Engineer provided for *no* contribution. It provided for clearing the prickly-pear departmentally. The Superintending Engineer in sanctioning the estimate remarked that this work should be done by kudimaramath.

The paragraph is therefore struck out.

H. E. CLERK.
27-4-11.

Submitted to His Excellency the Governor.

Revised estimate for repairs to Vellakondasamudram tank and channel.

This is an ordinary repair estimate which, for reasons explained in the Chief Engineer for Irrigation's note, has been exceeded. In ordinary circumstances this would have been within the Superintending Engineer's power to deal with but the fact that the ryots have made a contribution in money in lieu of kudimaramath (customary labour) render it necessary for the estimate to be sanctioned by Government, under the existing rules which I am taking steps to get modified. I would not have troubled His Excellency with this file had it not been that the Superintending Engineer who sanctioned the original estimate is myself.

H.E.C.
27-4-11.

Draft order approved.

A. L[AWLEY].
30-4-11.

Joint Secretary—

The draft order may now issue.

B.G.R.
1-5-11.

C.P.
1-5-11.

Issue.

H.E.C.
2-5-11.

[Issued as G.O., No. 154 I., dated 17th May 1911.]

6

E.I's Office.

8

Note by the Chief Engineer
for Irrigation.

Roc No 630/11 d/27.4.1911

p19 cf.

CURRENT IN. 5300
PASSED ON
F. O.
U. R. C.
REA.
R. K.
P. O.
Cur 11 } 8/5

0 4251

With his letter No. 276 C.E., dated 28th February 1911, the Supg. Engineer, VI Circle, submits a revised estimate amounting to Rs. 5,360 for repairing and improving No.39 Vella Condasamudram tank and channel, a minor work in charge of P.W.D in Dindigul taluk, Madura District. It is stated that an estimate for Rs. 3,570 for the work was sanctioned by the Supg Engineer himself in July 1909 and the work was put in hand. It is further stated that although a provision of Rs. 563 for clearing prickly-pear in the channel was allowed in the above estimate, the Supg. Engineer pointed out that the clearance of prickly pear ought to be done by the Kudimaramut labour with the help of the Revenue Department. It was however found that the ryots could not be made to undertake the clearance [illegible]

to Rs. 520 was received ~~through~~ by the Revenue Department from the interested ryots towards carrying out the work. In the actual execution of the work further clearance was found necessary as the prickly pear has spread considerably during the period which elapsed between the date of preparation of estimate and the date of execution of the work. Owing to this and some other items, in the tank bund and supply channel, noted below, the submission of a revised estimate is found necessary. The provision in the original and revised estimates compares as follows:-

Particulars of items	Original Estimate	Revised Estimate	Difference
	Rs	Rs	Rs
1. Repairing tank bund and repacking revetment	1,170	2,037	+867
2. Constructing a new sluice in lieu of the old ruined sluices Nos. 3 and 4.	750	750	..
3. Clearing supply channel.	1,418	2,311	+893
4. Repairing sluice No.1 in the tank. ..	40	..	- 40
5. Repairing anicut.	25	25	..
6. Contingencies and supervision charges. ..	167	237	+ 70
	3,570	5,360	1,790

Item No.1. The excess is chiefly due

to

to the necessity of procuring new stones for revetment as the quantity of old stones when actually removed was found to be far short of what was originally estimated ~~for~~, and partly to earthwork - excavation and filling in for the foundations to revetment &c., for which no provision was made in the original estimate.

Item No.3. The excess is mainly due to the clearance of prickly pear - which exceeded greatly the quantity originally allowed, and partly to the clearing of silt in the - channel for an extra length of 1000 feet found necessary during execution.

Item No.4. It is stated that the lump sum of Rs. 40 allowed in the original estimate for repairing sluice - No.1 in the tank is quite insufficient and that as the sluice is damaged beyond repairs, it will be rebuilt

rebuilt under a separate estimate.

The estimate is recommended for sanction.

To

The Joint Secy to Govt:
with the current file.

Rev

SUBJECT.— Revised estimate of Rs 5,360 for repairing & improving No 39 Vellacondasamudram Tank and Channel — Dindigul Taluk — Madura Dt. 10

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following 9-8

Print { From the Supdg Engineer, VI circle, d/28.2.11, No 276 C.E.
Note by the Chief Engr for Irrigation d/27.4.11 R.O.C. No 680/11

Order No 154-I. Dt 17-5-1911.

The following revised estimate is sanctioned in supersession of the estimate of Rs 3570 sanctioned by the Supdg Engineer in his circle Register No 91 of 1909-10:

Vide original estimate put up in ID-file.

Provincial.

Irrigation.

43. Minor Works and Navigation

Class IV. Minor works for which neither Capital nor Revenue accounts are kept

(a) In charge of the P.W.D.

Madura Dt.

Special Repairs

Repairing and improving

154-I

Print notes

20.v.11

E.G. 13/5 15/5 16/5

2

20/11 108

No. 39 Vellacondasamudram Tank and Channel, Dindigul Taluk.

Estimate Rs 5,360

2 This sanction is registered as No. 139 of 1911-12

~~3 The Suptg Engineer should not have sanctioned the original estimate which requires the sanction of Govt. under G.O. No. 70 W d/12.1.03.~~ His action is, however, condoned.

flag M.

3 ~~4~~ It is presumed that the contribution of Rs 520 stated to have been received by the local Revenue Officers from the interested ryots has since been credited to the P.W.D. If not, the Suptg Engr. will see that this is now done

p 2 of C.f.

Total provision for clearing prickly pear ... Rs 1356 — Vide abstract Estimate in ED file
Contribution by ryots 520
Balance 836

The proposal to debit to Govt. a portion (Rs 836) of the cost

3

Read

2/12

118

of removing prickly pear which is ordinarily done by Kudimaramath is approved as a Special Case with reference to para 6 of Board's Standing order No. 86

4. With reference to para 2 of his letter read above, the Supdg Engineer will be informed that G.O. No. 35 W, d/16.1.11 does not apply to Irrigation works.

flag T.

1521

24-4-11

24-4-11

To

The Chief Engr for Irrgn ✓ Dp 15/7/11

" Supdg Engr VI circle with plans & estimates ✓ Dp 24/7/11

" Accountant General Madras ✓ D 15/7/11 D.9.

All 27/4/11

Ordinary Press

Print Notes

4

Exr 9-5-11

Ko 1—12.88

Quotes 1-3

1524

12